

TOH/JJD/dab  
04/13/01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul Remijan and Denis LaBombard

Application No.: 09/660,840

Group: 3739

Filed: September 13, 2000

Examiner: Not Assigned

For: MINIATURE ENDOSCOPE SYSTEM

PATENT APPLICATION  
Docket No.: 2476.1003-001

Receipt  
RECEIVED  
SEP - 4 2001  
TECHNOLOGY CENTER 3700

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on	4-17-01
Date	Signature
Donna Bartolone	
Typed or printed name of person signing certificate	

SECOND REQUEST FOR CORRECTED FILING RECEIPT  
FOR UTILITY APPLICATION

Office of Initial Patent Examination  
Customer Service Center  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We hereby request that the following items of information be corrected in the Filing Receipt for the subject application received in this office on April 5, 2001.

A copy of a recently filed Declaration/Power of Attorney is submitted herewith.

An error/inconsistency in priority data regarding continuing Application No. 09/660,840, filed September 13, 2000, has been noted by an "\*" in the filing receipt for said application.

The errors and corrections appear below.

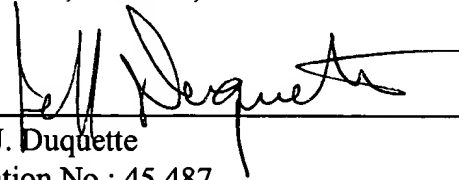
**Please change the Continuing Data as Claimed by Applicant to read: This Appln Claims Benefit of 60/212,935 06/20/2000 and Claims Benefit of 60/187,305 03/06/2000 and Claims Benefit of 60/156,478 09/28/1999 and Claims Benefit of 60/153,568 09/13/1999 and IS a CIP of 09/518,954 03/06/2000**

Enclosed is a copy of the Filing Receipt with changes noted in red, a copy of a recently filed Declaration/Power of Attorney and a copy of the Utility Patent Application Transmittal as well as a copy of Page 1 of the Application.

Pursuant to instructions in the February 29, 2000 O.G., we hereby request that the errors which are identified above be corrected in the captioned application to which this request for correction is directed. It is understood that the Patent Office will issue an automatically-generated, corrected Filing Receipt in this and, if applicable, any other affected applications.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
Jeffrey J. Duquette

Registration No.: 45,487

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Lexington, MA 02421-4799

Date: 4/17/01



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/660,840	09/13/2000	3739	2240	2476.1003-001	20	80	7

CONFIRMATION NO. 7821

## FILING RECEIPT



\*OC000000005921547\*

Thomas O. Hoover, Esq.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive  
Lexington, MA 02421-4799

Date Mailed: 03/30/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Paul Remijan, Holland, MA;  
Denis LaBombard, Georgetown, MA;

\* Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/212,935 06/20/2000  
AND CLAIMS BENEFIT OF 60/187,305 03/06/2000  
AND CLAIMS BENEFIT OF 60/156,478 09/28/1999  
AND CLAIMS BENEFIT OF 60/153,568 09/13/1999  
AND A CIP OF 09/518,954 03/06/2000

15

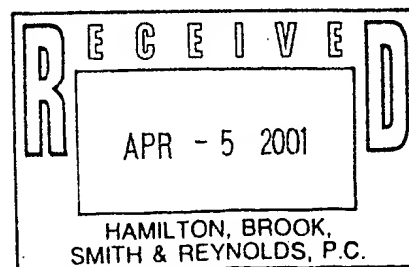
## Foreign Applications

If Required, Foreign Filing License Granted 10/25/2000

Projected Publication Date:.

Non-Publication Request: No

Early Publication Request: No



**Title**

Miniature endoscope system

**Preliminary Class**

600

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**Data entry by :** KIM, JONATHAN

**Team :** OIPE

**Date:** 03/30/2001

[REDACTED]

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

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**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

DOCKET NO. 2476.1003-001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application**COPY** RECEIVED  
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As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MINIATURE ENDOSCOPE SYSTEM

the specification of which (check one)

☐ is attached hereto.☒ was filed on September 13, 2000 as United States ApplicationNumber or PCT International Application No. 09/660,840

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed	Certified Copy Filed?	
				YES	NO
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year filed)</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

<u>60/212,935</u> (Application Number)	<u>June 20, 2000</u> (Filing Date)
<u>60/187,305</u> (Application Number)	<u>March 6, 2000</u> (Filing Date)
<u>60/156,478</u> (Application Number)	<u>September 28, 1999</u> (Filing Date)
<u>60/153,568</u> (Application Number)	<u>September 13, 1999</u> (Filing Date)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/518,954</u> (Application Serial No.)	<u>March 6, 2000</u> (Filing date)	<u>pending</u> (Status: patented, pending, abandoned)
<u>                    </u> (Application Serial No.)	<u>                    </u> (Filing date)	<u>                    </u> (Status: patented, pending, abandoned)
<u>                    </u> (Application Serial No.)	<u>                    </u> (Filing date)	<u>                    </u> (Status: patented, pending, abandoned)
<u>                    </u> (Application Serial No.)	<u>                    </u> (Filing date)	<u>                    </u> (Status: patented, pending, abandoned)

As a named inventor, I hereby appoint the attorneys and/or agents associated with  
**Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02421-4799**  
**Customer No. 21005,**

and \_\_\_\_\_,

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send correspondence to:

☒ Customer No. 21005  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive  
Lexington, MA 02421-4799

or

☐ Address as follows:

Direct telephone calls to: Thomas O. Hoover Telephone No.: 781-861-6240

Direct facsimiles to: Thomas O. Hoover Facsimile No.: 781-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-----  
Full name of sole

or first inventor Paul Remijan

Inventor's Signature Paul H. Remijan Date 11/15/00

Residence 8 Blodgett Road

Holland, Massachusetts 01521


Citizenship USA

Post Office Address same as above  
-----



Full name of second joint

inventor, if any Denis LaBombard

Inventor's Signature  Date 11/15/00 11/15/00

Residence #7 Boardman Street

Georgetown, Massachusetts 01833

Citizenship USA

Post Office Address same as above

Full name of third joint

inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fourth joint

inventor, if any \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fifth joint

inventor, if any \_\_\_\_\_

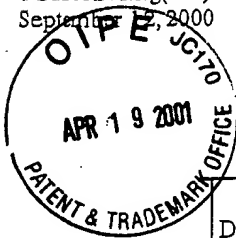
Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

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**COPY**

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Date: 9-13-00 Express Mail Label No. EL551544359US

Inventors: Paul Remijan and Denis LaBombard

Attorney's Docket No.: 2476.1003-001

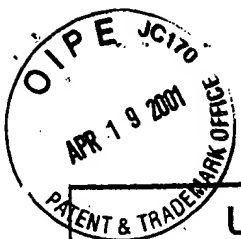
## MINIATURE ENDOSCOPE SYSTEM

### RELATED APPLICATION

This application claims the benefit of U.S. Provisional Application Nos. 60/212,935 filed June 20, 2000, 60/187,305 filed March 6, 2000, 60/156,478 filed  
5 September 28, 1999 and 60/153,568 filed September 13, 1999 and is a Continuation-in-Part (CIP) of 09/518,954, filed March 6, 2000, the teachings of which are incorporated herein by reference in their entirety. This application also relates to U.S. Application No. 09/520,648 filed March 6, 2000, and U.S. Application No. 09/521,044, filed March 6, 2000, the contents of the above applications are incorporated herein by reference in  
10 their entirety.

### BACKGROUND OF THE INVENTION

Endoscopes are devices which allow visual examination inside a hollow cavity. In the field of medicine, the use of endoscopes permits inspection of organs for the purpose of diagnosis, viewing of a surgical site, sampling tissue, or facilitating the safe  
15 manipulation of other surgical instruments. Laparoscopes are used particularly for examining organs in the abdominal area. Laparoscopes typically include a light pipe for illuminating the region to be viewed, at least one lens assembly for focusing and relaying the image of the illuminated object, and a housing for the entire assembly which is structured to minimize tissue damage during the surgical procedure. The light  
20 pipe can include a fiber optic element for illuminating the site. The laparoscope housing includes a distal section that can be inserted within a body cavity and a



## HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</i>	Attorney Docket No.	2476.1003-001
	First Named Inventor or Application Identifier	Paul Remijan
	Express Mail Label No.	EL551544359US

**COPY**Title of  
Invention

MINIATURE ENDOSCOPE SYSTEM

EL551544359US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☐ Fee Transmittal Form  
*(Submit an original, and a duplicate for fee processing)*
2. ☒ Specification [Total Pages 34]  
*(preferred arrangement set forth below)*
- Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to microfiche Appendix
  - Background of the Invention
  - Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 20]  
☐ Formal ☒ Informal
4. ☐ Oath or Declaration/POA [Total Pages ☐ ]
- a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))  
*(for continuation/divisional with Box 17 completed)*  
[NOTE Box 5 below]
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 C.F.R. 1.63(d)(2)  
and 1.33(b).
5. ☐ Incorporation By Reference *(useable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
- a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)  
[ ☐ ] Pages
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & documents)
9. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney  
*(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application,  
status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16. ☐ Other: \_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:
- Prior application information: Examiner: Group Art Unit:

## 18. CORRESPONDENCE ADDRESS

NAME	Thomas O. Hoover, Esq.				
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.				
ADDRESS	Two Militia Drive				
CITY	Lexington	STATE	MA	ZIP CODE	02421-4799
COUNTRY	USA	TELEPHONE	(781) 861-6240	FAX	(781) 861-9540

Signature		Date	Sept. 13, 2000
Submitted by Typed or Printed Name	Jeffrey J. Duquette	Reg. Number	45,487



## UNITED STATES PATENT AND TRADEMARK OFFICE

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FILE COPY

CONFIRMATION NO. 7821



Bib Data Sheet

<b>SERIAL NUMBER</b> 09/660,840	<b>FILING DATE</b> 09/13/2000 <b>RULE</b>	<b>CLASS</b>	<b>GROUP ART UNIT</b> 3739	<b>ATTORNEY DOCKET NO.</b> 2476.1003-001	
<b>APPLICANTS</b> Paul Remijan, Holland, MA; Denis LaBombard, Georgetown, MA;  <b>** CONTINUING DATA *****</b> THIS APPLN CLAIMS BENEFIT OF 60/212,935 06/20/2000 AND CLAIMS BENEFIT OF 60/187,305 03/06/2000 AND CLAIMS BENEFIT OF 60/156,478 09/28/1999 AND CLAIMS BENEFIT OF 60/153,568 09/13/1999 AND A CIP OF 09/518,954 03/06/2000  <b>** FOREIGN APPLICATIONS *****</b>  <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 10/25/2000</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance		<b>STATE OR COUNTRY</b> MA	<b>SHEETS DRAWING</b> 20	<b>TOTAL CLAIMS</b> 80	<b>INDEPENDENT CLAIMS</b> 7
Verified and Acknowledged Examiner's Signature _____ Initials _____					
<b>ADDRESS</b> Thomas O. Hoover, Esq. HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Two Militia Drive Lexington ,MA 02421-4799					
<b>TITLE</b> Miniature endoscope system					
<b>FILING FEE RECEIVED</b> 2240	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		